

Abstract of the Disclosure

A CDMA receiving apparatus includes a searcher section, a finger section, a RAKE synthesizing section and a decoding section. The searcher section has a protection path memory, generates a delay profile from a reception signal, and finds peaks from the delay profile based on a variable peak level reference threshold value and a variable noise level reference threshold value which are determined based on the delay profile. Also, the searcher section reads out protection path data in a previous cycle from the protection path memory, and determines timings of valid paths based on timing of the found peaks and protection path timings of the read out protection path data. The finger section detects a signal from the reception signal for every path in response to the valid path timings. The RAKE synthesizing section carries out RAKE synthesis to the detected signals to produce a RAKE synthesis signal. The decoding section decodes the RAKE synthesis signal.